

ALIGNMENTS

Sequence Comparison
A

RESULT 1

US-09-949-002-512

; Sequence 512, Application US/09949002

; Patent No. 6900016

; GENERAL INFORMATION:

; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

; TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION

; TITLE OF INVENTION: AND USES THEREOF

; FILE REFERENCE: CL000790

; CURRENT APPLICATION NUMBER: US/09/949,002

; CURRENT FILING DATE: 2000-01-28

; PRIOR APPLICATION NUMBER: 60/231,401

; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 10823

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 512

; LENGTH: 802

; TYPE: PRT

; ORGANISM: Human

US-09-949-002-512

Query Match 100.0%; Score 4154; DB 2; Length 802;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 796; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MTKDKEPIVKSFHFVCLMIIIVGTIRIQFSDGNEFAVDKSKRGLIHVPKDLPLKTKVLDMS 60
          |||
Db      7 MTKDKEPIVKSFHFVCLMIIIVGTIRIQFSDGNEFAVDKSKRGLIHVPKDLPLKTKVLDMS 66

Qy     61 QNYIAELQVSDMSFSLSELTVLRLSHNRIQLLDLSVFKFNQDLEYLDLSHNQLQKISCHPI 120
          |||
Db     67 QNYIAELQVSDMSFSLSELTVLRLSHNRIQLLDLSVFKFNQDLEYLDLSHNQLQKISCHPI 126

Qy    121 VSFRHLDLSFNDKFALPICKEFGNLSQLNFLGLSAMKQLKLDLLPIAHLHLSYILLDLRN 180
          |||
Db    127 VSFRHLDLSFNDKFALPICKEFGNLSQLNFLGLSAMKQLKLDLLPIAHLHLSYILLDLRN 186

Qy    181 YYIKENETESLQILNAKTLHLVFHPTSLFAIQVNISVNTLGCLQLTNIKLNDDNCQVFIK 240
          |||
Db    187 YYIKENETESLQILNAKTLHLVFHPTSLFAIQVNISVNTLGCLQLTNIKLNDDNCQVFIK 246

Qy    241 FLSELTRGSTLLNFTLNHIETTWKCLVRVQFLWPKPVEYLNINLTIIIESIREEDFTYS 300
          |||
Db    247 FLSELTRGSTLLNFTLNHIETTWKCLVRVQFLWPKPVEYLNINLTIIIESIREEDFTYS 306

Qy    301 KTTLKALTIEHITNQVFLFSQALYTVFSEMNMMLTISDTPFIHMLCPHAPSTFKFLNF 360
          |||
Db    307 KTTLKALTIEHITNQVFLFSQALYTVFSEMNMMLTISDTPFIHMLCPHAPSTFKFLNF 366

Qy    361 TQNVFTDSIFEKCSSTLVKLETILQKNGLKDLFKVGLMTKDMPSLEILDVSWNSLESGRH 420
          |||
Db    367 TQNVFTDSIFEKCSSTLVKLETILQKNGLKDLFKVGLMTKDMPSLEILDVSWNSLESGRH 426

Qy    421 KENCTWVESIVVLNLSSNMLTDSVFRCLPPRIKVLDLHSNKIKSVPKQVVKLEALQELNV 480
          |||
Db    427 KENCTWVESIVVLNLSSNMLTDSVFRCLPPRIKVLDLHSNKIKSVPKQVVKLEALQELNV 486

Qy    481 AFNSLTDLPGCGSFSSSVLIIDHNSVSHPSADFFQSCQKMRSIKAGDNPFQCTCELREF 540
          |||
Db    487 AFNSLTDLPGCGSFSSSVLIIDHNSVSHPSADFFQSCQKMRSIKAGDNPFQCTCELREF 546

Qy    541 VKNIDQVSSEVLEGWPDYSYKCDYPESYRGSPLKDFHMSSELSCNITLLIVTIGATMLVLAV 600
          |||
Db    547 VKNIDQVSSEVLEGWPDYSYKCDYPESYRGSPLKDFHMSSELSCNITLLIVTIGATMLVLAV 606

Qy    601 TVTSLCIYLDLPWYLRMVCQWTQTRRRARNIPLEELQRNLQFHAFISYSEHDSAWVKSEL 660
          |||
Db    607 TVTSLCIYLDLPWYLRMVCQWTQTRRRARNIPLEELQRNLQFHAFISYSEHDSAWVKSEL 666

Qy    661 VPYLEKEDIQICLHERNFVPGKSIVENIINICIEKSYKSIFVLSPNFVQSEWCHYELYFAH 720
          |||
Db    667 VPYLEKEDIQICLHERNFVPGKSIVENIINICIEKSYKSIFVLSPNFVQSEWCHYELYFAH 726

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